

17231 U.S. PTO  
08/22/03

Attorney's docket 22624

Box Patent Application  
Commissioner of Patents and Trademarks  
Washington, DC 20231

**CERTIFICATE OF EXPRESS OR  
FIRST CLASS MAILING**

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Signature  
The Firm of Karl F. Ross, P.C.

**NEW APPLICATION TRANSMITTAL**

**PATENT**

Transmitted herewith for filing is the patent application of inventors:

	First Name	Last Name	Residence	Citizenship
1.	Egon	ZIMMERMANN	Inden-Altdorf, Germany	Germany
2.	Walter	GLAAS	Elsdorf, Germany	Germany
3.	Arre	VERWEERD	Aachen, Germany	Netherlands
4.	Axel	TILLMANN	Aldenhoven, Germany	Germany
5.	Andreas	KEMNA	Düsseldorf, Germany	Germany

For (title):

**METHOD AND APPARATUS FOR RAPID TOMOGRAPHIC MEASUREMENTS OF  
THE ELECTRICAL CONDUCTIVITY DISTRIBUTION OF A SAMPLE**

**1. Type of Application**

- ☒ Utility
- ☐ Design
- ☐ Plant
  
- ☒ Original
- ☐ Divisional
- ☐ Continuation
- ☐ Continuation-in-part

**2. Benefit of Prior US Application(s) (35 USC 120) or foreign priority (35 USC 119)**

- ☐ The new application being transmitted claims the benefit of a prior US application.
- ☒ Foreign priority claimed (see ¶9)

**3. Papers Enclosed Required For Filing Date Under 37 CFR 1.53(b) (Uti.) or 37 CFR 1.153 (Des.)**

- ☒ Pages of specification (38)
- ☒ Pages of claims (12)
- ☒ Pages of Abstract (1)
- ☒ Sheets of Drawing (5)
  - ☒ Formal
  - ☐ Informal

**4. Additional papers enclosed**

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☒ PTO-1449
- ☒ Citations (10)
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing," computer-readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino-acid sequence
- ☐ Authorization of Attorney(s) to accept and follow instructions from Representative
- ☒ Other — PTO Data Entry Form (2 pages)
- ☐ Other

**5. Declaration or Oath**

- ☐ Enclosed
  - original executed by
    - ☐ Inventor(s)
    - ☐ legal representative of inventor(s). 37 CFR 1.42 or 1.43
    - ☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or could not be reached
      - ☐ this is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached
- ☒ Not Enclosed
  - ☒ Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all the above-named inventor(s).
  - ☐ Showing that the filing is authorized.

**6. Inventorship Statement**

The inventorship for all the claims in this application is:

- ☒ The same
- ☐ Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
  - ☐ is submitted.
  - ☐ will be submitted.

**7. Language**

- ☒ English
- ☐ non-English
- ☐ the attached translation is a verified translation. 37 CFR 1.52(d).

**8. Assignment**

- ☒ An assignment of the invention to FORSCHUNGSZENTRUM JÜLICH GmbH
  - ☐ is attached.
  - ☒ will follow.

**9. Certified Copy**

Certified copy of application

**Country**

Germany

**Number**

10238824.5

**Date**

23 August 2002

from which priority is claimed

☐ is(are) attached.☒ will follow.**10. Fee calculation**☒ **A. Utility application**

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**CLAIMS AS FILED**

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	No. Filed	Base No.	No. Extra	Rate	Basic fee
Total claims	34	20	14	\$18.00	\$750.00
Independent claims	2	3	0	\$84.00	\$252.00
Mult. dep. claims	No	n/a	n/a	\$280.00	\$0.00

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☐ Amendment canceling extra claims enclosed.☐ Amendment canceling multiply dependent claims enclosed.☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation

**\$1002.00**☐ **B. Design application**

(\$0.00—37 CFR 1.16(f))

Filing fee calculation

**\$00.00**☐ **C. Plant application**

(\$490.00—37 CFR 1.16(g))

Filing fee calculation

**\$00.00****11. Entity Status**Applicant herewith qualifies as a **LARGE** entity.**12. Request for International-Type Search (37 CFR 1.104(d))**☐ Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

**13. Fee Payment**

- ☒ Not enclosed.  
☒ No filing fee is to be paid at this time.
- ☐ Enclosed.
- |   |               |
|---|---------------|
| <input type="checkbox"/> basic filing fee   | \$0.00        |
| <input type="checkbox"/> petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or could not be reached | \$0.00        |
| <input type="checkbox"/> for processing an application with a specification in a non-English language   | \$0.00        |
| <input type="checkbox"/> processing and retention fee   | \$0.00        |
| <input type="checkbox"/> fee for international-type search report   | \$0.00        |
| <b>Total fees enclosed</b>  | <b>\$0.00</b> |

**14. Method of Payment of Fees**

- ☐ Check in the amount of \$0.00
- ☐ Charge Account 18-2025 for \$0.00. A duplicate of this form is attached.
- ☐ Charge to credit card (PTO-2038 attached.)

**15. Authorization to Charge Additional Fees**

- ☐ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to account 18-2025.
- ☐ 37 CFR 1.16(a), (f), or (g) (filing fees)
- ☐ 37 CFR 1.16(b), (c), or (d) (extra claims)
- ☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☐ 37 CFR 1.17 (application processing fees)
- ☐ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance pursuant to 37 CFR 1.31(b))

22624

New application transmittal

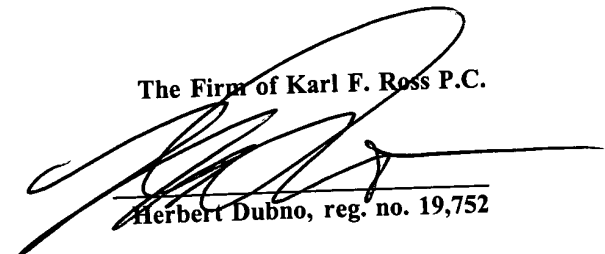
**16. Instructions As To Overpayment**

- ☐ credit account 18-2025  
☐ refund

22 August 2003

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